

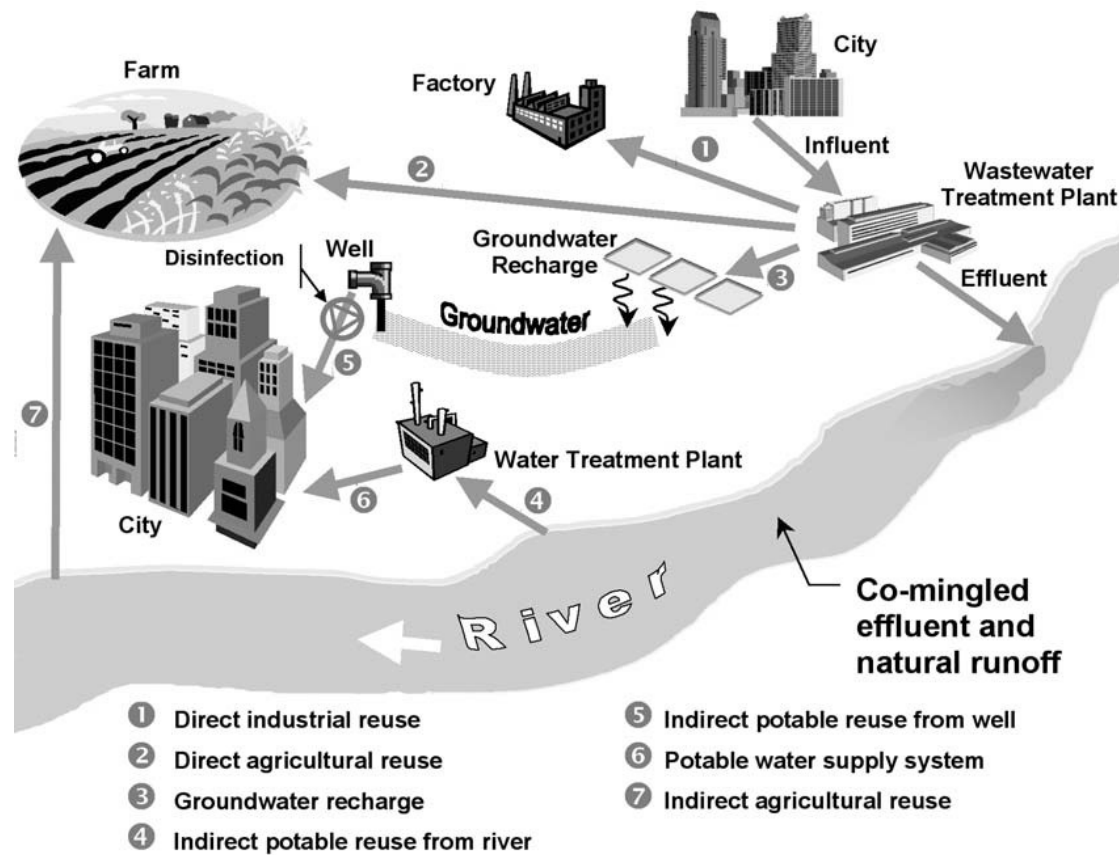
# Water Recycling 101



# What is Water Recycling?

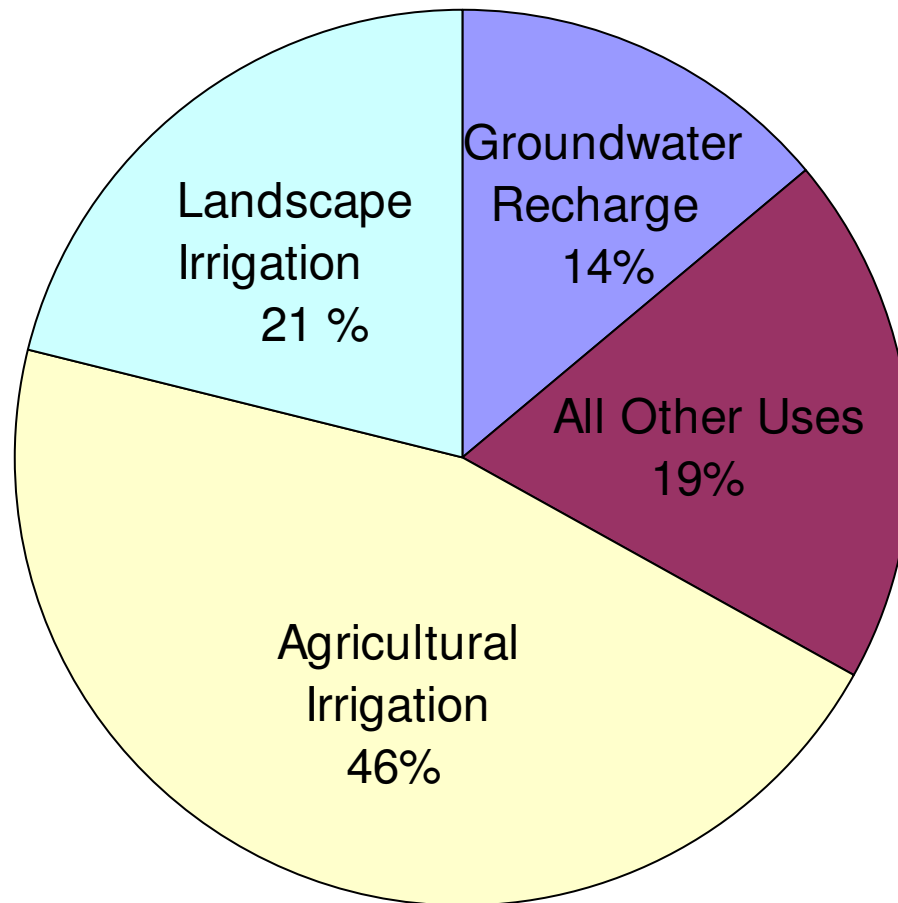


# Direct and Indirect Use



**Water Recycling = Water Reclamation**

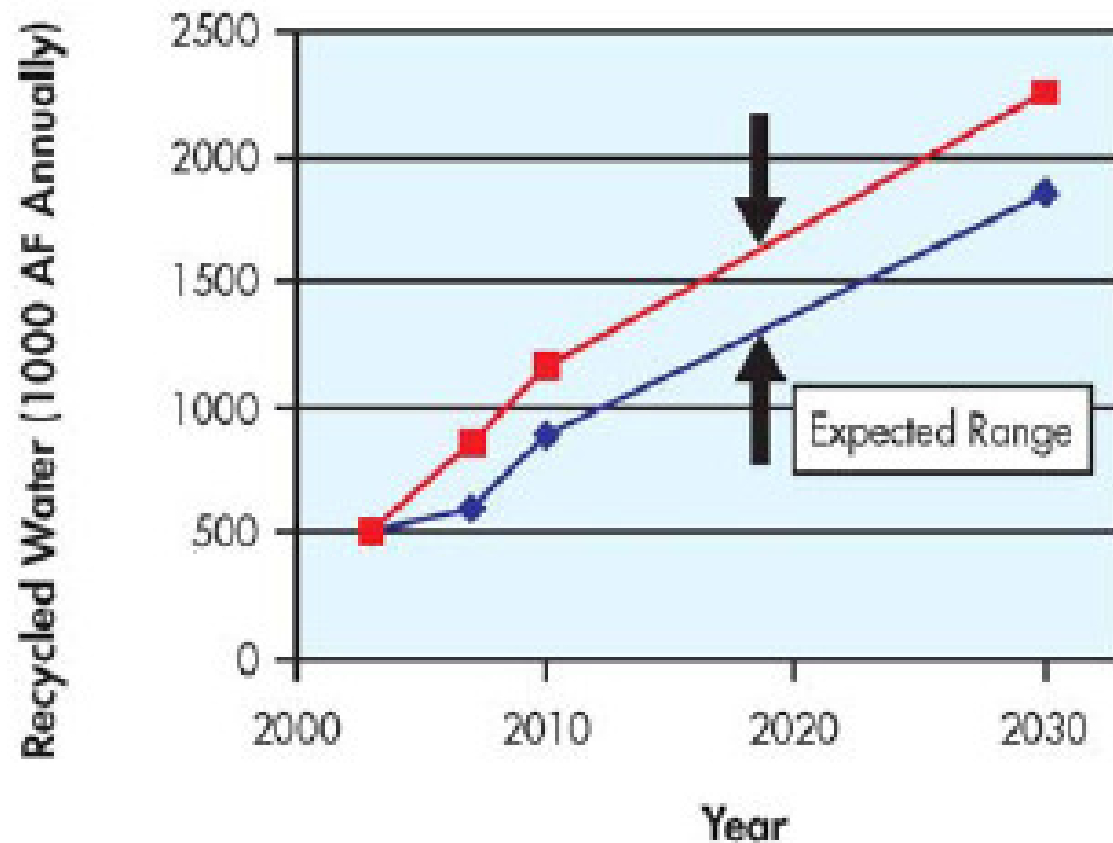
# California Recycled Water Use



# **Recycled Water Regulatory Requirements**

- Water Recycling Criteria
- Water Reclamation Requirements
- Waste Discharge Requirements
- Master Reclamation Requirements
- General Permit for Landscape Irrigation
- Agencies Authorized to Require use of Recycled Water

# Potential Recycled Water Use



# SWRCB, Strategic Plan



## Strategic Plan Update 2008-2012

Adopted by the State Water Resources Control Board  
September 2, 2008



# Water Recycling Funding Program (WRFP)

- Provides continuously available planning grants and low interest design and construction loans for:
  - Recycled water treatment facilities & distribution systems
  - Groundwater reclamation & recharge facilities
- Construction funding is awarded on a readiness-to-proceed basis
- Funding approval process similar to Clean Water State Revolving Fund Program
- For publicly-owned facilities and privately-owned water utilities regulated by Public Utilities Commission
- To promote beneficial use of treated municipal wastewater to augment state/local water supplies
- Grant funding also available to promote research in water recycling

# WRFP, continued

## Available Funding

- ❖ ~\$2-4 million/year from Prop. 13 loan repayments available upon appropriation by the legislature
- ❖ \$34 million for construction loans (1984 bond law)
- ❖ \$20 million for planning grants and construction loans (Prop. 13);
- ❖ \$777,000 for research (Prop. 13)

# Water Quality Concerns

- Pathogens
- Salts
- Nitrate
- Priority Pollutants
- Emerging Constituents of Concern
- Storage Reservoirs
- Incidental Runoff

# Recycled Water Policy Provisions

- Mandates the use of recycled water
- Development of salt/nutrient plans
- Incidental runoff
- Streamlined permit issuance
- Anti-degradation
- Scientific advisory panel

# Statewide General Permit

- Covers irrigation with recycled water
- Required by AB 1481 of 2007
- State Water Board responsible for issuance and enrollment
- Draft will be issued this Spring



CALIFORNIA

# Water Boards

STATE WATER RESOURCES CONTROL BOARD  

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REGIONAL WATER QUALITY CONTROL BOARDS

